

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	(@rlad<"20020607" or @ad<"20020607") and (teq or (time near3 domain near3 equalizer)) and notch and add and rectang\$4 and (370/210,525-527,529.ccls. 375/222,348.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/18 11:31
L2	0	(@rlad<"20020607" or @ad<"20020607") and rectang\$4 and (370/210,525-527,529.ccls. 375/222,348. ccls.) and "an eigenvector with a subspace-based design"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/18 11:32
L3	0	(@rlad<"20020607" or @ad<"20020607") and rectang\$4 and (370/210,525-527,529.ccls. 375/222,348. ccls.) and "TEQ filter coefficients with the eigenvector."	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/18 11:33
L4	0	(@rlad<"20020607" or @ad<"20020607") and rectang\$4 and (370/210,525-527,529.ccls. 375/222,348. ccls.) and "number and severity of notches that the TEQ introduces"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/18 11:33
L5	0	(@rlad<"20020607" or @ad<"20020607") and rectang\$4 and (370/210,525-527,529.ccls. 375/222,348. ccls.) and "maximizing an achievable bitrate over a subspace of eigenvectors"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/18 11:34
S1	0	"20010116095"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/14 16:51
S2	1	"20060116095"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/14 16:56
S3	1	"20060133519"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/14 17:02
S4	0	(@rlad<"20020607" or @ad<"20020607") and (dmft adj3 symbol) and (window adj3 shaping) and multi\$line	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/14 17:04

S5	0	(@rlad< "20020607" or @ad< "20020607") and (dmt adj3 symbol) and (window adj3 shap\$3) and multi\$line	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 11:24
S6	510	(@rlad< "20020607" or @ad< "20020607") and (dmt adj3 symbol)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 10:23
S7	63	(@rlad< "20020607" or @ad< "20020607") and (dmt adj3 symbol) and shaping	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/14 17:04
S8	1	(@rlad< "20020607" or @ad< "20020607") and (dmt adj3 symbol) and shaping and multi\$line	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/14 17:06
S9	266	(@rlad< "20020607" or @ad< "20020607") and dmt and teq	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 13:28
S10	18	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and eigenvalue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:16
S11	0	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and eigenvalue and sub\$space	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 11:28
S12	4	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and eigenvalue and crosstalk	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 11:29
S13	0	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and eigenvalue and eigenspace	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:01
S14	3	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and eigenvalue and space	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:11
S15	0	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and eigenvalue and mssnr	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:12
S16	0	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and mssnr	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:12
S17	0	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and eigenvalue and minisi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:13
S18	0	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and minisi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:13

S19	8	(@rlad< "20020607" or @ad< "20020607") and minisi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:16
S20	0	(@rlad< "20020607" or @ad< "20020607") and minisi and mssnr	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:13
S21	0	(@rlad< "20020607" or @ad< "20020607") and mssnr	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:13
S22	15	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and eigenvalue and shorten and interference	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:48
S23	12	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and eigenvector and eigenvalue and shorten and interference and ((signal\$/to \$noise) adj3 ratio)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 12:49
S24	60	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and shap\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 13:28
S25	54	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and shap\$3 and prefix	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 13:29
S26	9	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and shap\$3 and prefix and suffix	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 13:38
S27	7	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and shap\$3 and prefix and suffix and window	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 13:31
S28	41	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and 375/260.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 13:41
S29	7	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and 375/260.ccls. and window and shap\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 13:42
S30	6	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and sub\$space	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 17:58
S31	5	("5461640"   "5870432"   "6151358"   "6396886"   "6408022").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/16 17:49
S32	0	("7173967").URPN.	USPAT	OR	ON	2007/12/16 17:51

S33	0	("7173967").URPN.	USPAT	OR	ON	2007/12/16 17:51
S34	0	("7173967").URPN.	USPAT	OR	ON	2007/12/16 17:51
S35	7	(@rlad<"20020607" or @ad<"20020607") and teq and sub\$space	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 18:03
S36	6	(@rlad<"20020607" or @ad<"20020607") and teq and sub\$space and vector	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 18:50
S37	3	(@rlad<"20020607" or @ad<"20020607") and teq and vector and bit\$rate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/16 18:50
S38	183	(@rlad<"20020607" or @ad<"20020607") and dmt and symbol and window and shap\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 10:24
S39	23	(@rlad<"20020607" or @ad<"20020607") and dmt and symbol and window and shap\$3 and suffix	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 10:24
S40	16	(@rlad<"20020607" or @ad<"20020607") and dmt and symbol and window and shap\$3 and suffix and prefix	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 11:03
S41	312	(@rlad<"20020607" or @ad<"20020607") and symbol and window and shap\$3 and suffix and prefix	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 11:04
S42	2	(@rlad<"20020607" or @ad<"20020607") and dmt and (prefix adj window)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 12:37
S43	0	(@rlad<"20020607" or @ad<"20020607") and dmt and (prefix adj window) and 375/260.cls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 12:37
S44	123	(@rlad<"20020607" or @ad<"20020607") and dmt and prefix and 375/260.cls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/17 12:37
S45	14	(@rlad<"20020607" or @ad<"20020607") and (dmt with discrete with multi \$tone) and (prefix near5 symbol) and (dmt near5 window)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 20:24
S46	23	"6535552" or "20010031016" or "6628704"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 20:43
S47	0	(@rlad<"20020607" or @ad<"20020607") and (dmt with prefix with rectangle)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 20:53

S48	1	(@rlad<"20020607" or @ad<"20020607") and (dmt with prefix) same rectangle	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 20:53
S49	0	(@rlad<"20020607" or @ad<"20020607") and (dmt same prefix same rectangle same notch)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 20:55
S50	0	(@rlad<"20020607" or @ad<"20020607") and (dmt same prefix same rectangle and notch)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 20:55
S51	5	(@rlad<"20020607" or @ad<"20020607") and (dmt same prefix) and rectangle and notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 20:56
S52	7	("6735244").URPN.	USPAT	OR	ON	2008/07/09 20:57
S53	35	(@rlad<"20020607" or @ad<"20020607") and (dmt with prefix) and (dmt near5 window)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:01
S54	34	(@rlad<"20020607" or @ad<"20020607") and (dmt near10 prefix) and (dmt near5 window)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:01
S55	5	(@rlad<"20020607" or @ad<"20020607") and (dmt near10 prefix) and (dmt near5 window) with rectang \$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:03
S56	7	(@rlad<"20020607" or @ad<"20020607") and (dmt near10 prefix) with rectang \$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:07
S57	7	(@rlad<"20020607" or @ad<"20020607") and (dmt with prefix with rectang\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:09
S58	15	(@rlad<"20020607" or @ad<"20020607") and (dmt same prefix same rectang\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:10
S59	0	(@rlad<"20020607" or @ad<"20020607") and reduce with teq with notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:22
S60	0	(@rlad<"20020607" or @ad<"20020607") and teq with notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:22
S61	12	(@rlad<"20020607" or @ad<"20020607") and (teq same notch)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:23

S62	0	(@rlad<"20020607" or @ad<"20020607") and (teq same notch same dmt)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:24
S63	12	(@rlad<"20020607" or @ad<"20020607") and (teq same notch) and dmt	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:24
S64	28	(@rlad<"20020607" or @ad<"20020607") and teq and eigenvector and coefficient	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/09 21:28
S65	0	(@rlad<"20020607" or @ad<"20020607") and (dmt with prefix) same rectangle same notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:35
S66	0	(@rlad<"20020607" or @ad<"20020607") and dmt same prefix same rectangle with notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:36
S67	0	(@rlad<"20020607" or @ad<"20020607") and dmt same prefix same rectangle with notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:36
S68	7	(@rlad<"20020607" or @ad<"20020607") and (dmt same prefix same rectang\$4) and notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:36
S69	0	(@rlad<"20020607" or @ad<"20020607") and (dmt with teq with notch)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:46
S70	0	(@rlad<"20020607" or @ad<"20020607") and (dmt same (teq with notch))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:46
S71	0	(@rlad<"20020607" or @ad<"20020607") and (dmt same (teq same notch))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:46
S72	12	(@rlad<"20020607" or @ad<"20020607") and (teq same notch)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:47
S73	15	(@rlad<"20020607" or @ad<"20020607") and (teq or (time near3 domain near3 equalizer)) same notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:49
S74	0	(@rlad<"20020607" or @ad<"20020607") and (teq or (time near3 domain near3 equalizer)) same notch and rectang\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:58
S75	0	(@rlad<"20020607" or @ad<"20020607") and ((teq or (time near3 domain near3 equalizer)) same notch) and rectang\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:59

S76	141	(@rlad< "20020607" or @ad< "20020607") and ((teq or (time near3 domain near3 equalizer)) and notch) and rectang\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 11:59
S77	0	(@rlad< "20020607" or @ad< "20020607") and ((teq or (time near3 domain near3 equalizer)) and (notch same rectang\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:00
S78	141	(@rlad< "20020607" or @ad< "20020607") and ((teq or (time near3 domain near3 equalizer)) and notch and rectang\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:00
S79	134	(@rlad< "20020607" or @ad< "20020607") and ((teq or (time near3 domain near3 equalizer)) and notch and rectang\$4 and add)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:02
S80	1	(@rlad< "20020607" or @ad< "20020607") and ((teq or (time near3 domain near3 equalizer)) and notch and (rectang\$4 same add))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:02
S81	0	(@rlad< "20020607" or @ad< "20020607") and ((teq or (time near3 domain near3 equalizer)) and notch and (rectang\$4 with add))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:09
S82	0	(@rlad< "20020607" or @ad< "20020607") and ((teq or (time near3 domain near3 equalizer)) and (notch with add) and rectang\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:11
S83	0	(@rlad< "20020607" or @ad< "20020607") and ((teq or (time near3 domain near3 equalizer)) and (notch same add) and rectang\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:11
S84	134	(@rlad< "20020607" or @ad< "20020607") and ((teq or (time near3 domain near3 equalizer)) and notch and add and rectang\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:12
S85	16	(@rlad< "20020607" or @ad< "20020607") and equalizer and (notch same add) and rectang\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:15
S86	0	(@rlad< "20020607" or @ad< "20020607") and dmt and teq and (eigenvector with sub\$space)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 12:20



S97	0	(@rlad< "20020607" or @ad< "20020607") and (time near3 domain near3 equalizer) and (eigenvector and (sub\$space or (orthogonal near5 noise))) and coefficient and notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 13:42
S98	58	"6686879"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 13:50
S99	56	"6452981"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 13:54
S100	62	(@rlad< "20020607" or @ad< "20020607") and (teq or (time near3 domain near3 equalizer)) and (combin\$3 or add\$3) with dmt with prefix	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 14:43
S101	1	(@rlad< "20020607" or @ad< "20020607") and (teq or (time near3 domain near3 equalizer)) and notch and (combin\$3 or add\$3) with dmt with prefix	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/10 14:44
S102	0	(@rlad< "20020607" or @ad< "20020607") and (time near3 domain near3 equalizer) and (eigenvector and (sub\$space or (orthogonal near5 noise))) and coefficient and notch and raleigh	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:29
S103	0	(@rlad< "20020607" or @ad< "20020607") and equalizer same (eigenvector with (sub\$space or (orthogonal near5 noise)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:30
S104	16	(@rlad< "20020607" or @ad< "20020607") and equalizer and (eigenvector with (sub\$space or (orthogonal near5 noise)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:30
S105	1	(@rlad< "20020607" or @ad< "20020607") and equalizer and (eigenvector with (sub\$space or (orthogonal near5 noise))) same coefficient	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:30

S106	0	(@rlad<"20020607" or @ad<"20020607") and equalizer and (eigenvector same (sub\$space or (orthogonal near5 noise))) same (time near3 (coefficient or teq))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:35
S107	0	(@rlad<"20020607" or @ad<"20020607") and equalizer and (eigenvector with (sub\$space or (orthogonal near5 noise))) and (time near3 (coefficient or teq))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:35
S108	0	(@rlad<"20020607" or @ad<"20020607") and equalizer and (eigenvector with (sub\$space or (orthogonal near5 noise))) and ((time near3 coefficient or teq))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:36
S109	13	(@rlad<"20020607" or @ad<"20020607") and equalizer and (eigenvector with (sub\$space or (orthogonal near5 noise))) and coefficient	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:36
S110	1	(@rlad<"20020607" or @ad<"20020607") and equalizer and (eigenvector with (sub\$space or (orthogonal near5 noise))) and (coefficient with equalizer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:36
S111	0	(@rlad<"20020607" or @ad<"20020607") and (eigenvector with (sub\$space or (orthogonal near5 noise))) same (coefficient with (equalizer or teq))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:39
S112	0	(@rlad<"20020607" or @ad<"20020607") and (eigenvector same (sub\$space or (orthogonal near5 noise))) same (coefficient with (equalizer or teq))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/20 14:39
S113	0	(@rlad<"20020607" or @ad<"20020607") and teq with notch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:05
S114	12	(@rlad<"20020607" or @ad<"20020607") and (teq same notch)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:06

S115	0	(@rlad< "20020607" or @ad< "20020607") and (reduc\$3 same teq same notch)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:06
S116	321	(@rlad< "20020607" or @ad< "20020607") and ((teq equalizer) same notch) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:07
S117	0	(@rlad< "20020607" or @ad< "20020607") and ((teq (time adj equalizer)) same notch) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:08
S118	3537501	(@rlad< "20020607" or @ad< "20020607") and (reduc\$3 (teq (time adj equalizer)) and notch) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:10
S119	0	(@rlad< "20020607" or @ad< "20020607") and (reduc\$3 with (teq (time adj equalizer)) and notch) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:11
S120	0	(@rlad< "20020607" or @ad< "20020607") and (reduc\$3 near5 notch) same (teq (time adj equalizer)) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:11
S121	0	(@rlad< "20020607" or @ad< "20020607") and (reduc\$3 near5 notch) and (teq (time adj equalizer)) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:12
S122	1	(@rlad< "20020607" or @ad< "20020607") and (reduc\$3 same notch) and (teq (time adj equalizer)) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:12
S123	12	(@rlad< "20020607" or @ad< "20020607") and notch and (teq (time adj equalizer)) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:13
S124	0	(@rlad< "20020607" or @ad< "20020607") and (notch same (teq (time adj equalizer))) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:20
S125	17	(@rlad< "20020607" or @ad< "20020607") and (notch same (teq (time with equalizer))) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:21

S126	5	(@rlad<"20020607" or @ad<"20020607") and (notch same (teq (time with equalizer))) same reduc\$3 not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:24
S127	71352	(@rlad<"20020607" or @ad<"20020607") and (notch same (teq (time with equalizer))) adn (reduc\$3 same rectangular) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:27
S128	2	(@rlad<"20020607" or @ad<"20020607") and (notch same (teq (time with equalizer))) and (reduc\$3 same rectangular) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:27
S129	0	(@rlad<"20020607" or @ad<"20020607") and (teq (time with equalizer)) and ((notch with reduc\$3) same rectangular) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:29
S130	0	(@rlad<"20020607" or @ad<"20020607") and (teq (time with equalizer)) and (notch with reduc\$3) and rectangular not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:29
S131	147	(@rlad<"20020607" or @ad<"20020607") and ((noise notch) same (teq (time with equalizer))) same reduc\$3 not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:59
S132	90	(@rlad<"20020607" or @ad<"20020607") and ((reduc\$3 with noise) same (teq (time with equalizer))) not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 14:59
S133	8	(@rlad<"20020607" or @ad<"20020607") and ((reduc\$3 with noise) same (teq (time with equalizer))) and rectang\$4 not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:00
S134	0	(@rlad<"20020607" or @ad<"20020607") and (teq (time with equalizer)) and (shaped near3 (prefix and DMT)) and rectang\$4 not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:26
S135	0	(@rlad<"20020607" or @ad<"20020607") and (teq (time with equalizer)) and (shaped near3 (prefix and symbol)) and DMT and rectang\$4 not cioffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:26

S136	3	(@rlad< "20020607" or @ad< "20020607") and (teq (time with equalizer)) and (shaped with DMT) and rectang\$4 not cöffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:27
S137	0	(@rlad< "20020607" or @ad< "20020607") and (teq (time with equalizer)) and (shaped with DMT) and (shaped with prefix) and rectang\$4 not cöffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:28
S138	3	(@rlad< "20020607" or @ad< "20020607") and (teq (time with equalizer)) and (shaped with DMT) and prefix and rectang\$4 not cöffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:28
S139	3	(@rlad< "20020607" or @ad< "20020607") and (teq (time with equalizer)) and ((shaped modified) with DMT) and prefix and rectang \$4 not cöffi	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:30
S140	9	(@rlad< "20020607" or @ad< "20020607") and (teq (time with equalizer)) and ((shaped modified) with DMT) and prefix and rectang \$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:32
S141	9	(@rlad< "20020607" or @ad< "20020607") and (teq (time with equalizer)) and ((shaped modified) with DMT) and ((shaped modified) prefix) and rectang \$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:46
S142	5	(@rlad< "20020607" or @ad< "20020607") and (teq (time with equalizer)) and ((shaped modified) with DMT) and ((shaped modified) with prefix) and rectang\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:47
S143	5	(@rlad< "20020607" or @ad< "20020607") and (teq (time with equalizer)) and ((shaped modified) with DMT) and ((shaped modified non\$cyclic) with prefix) and rectang\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:51

S144	0	(@rlad<"20020607" or @ad<"20020607") and (teq (time with equalizer)) and ((shaped modified) with DMT) and (non\$cyclic with prefix) and rectang\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:51
S145	0	(@rlad<"20020607" or @ad<"20020607") and (non\$cyclic with prefix) and rectang\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:51
S146	5	(@rlad<"20020607" or @ad<"20020607") and (non\$cyclic with prefix)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:52
S147	0	(@rlad<"20020607" or @ad<"20020607") and (teq (time with equalizer)) and ((shaped modified) with DMT) and (non\$rectangular with prefix)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:57
S148	0	(@rlad<"20020607" or @ad<"20020607") and (non\$rectangular with prefix)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:57
S149	11	(@rlad<"20020607" or @ad<"20020607") and (saw with prefix)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:57
S150	0	(@rlad<"20020607" or @ad<"20020607") and (saw with (prefix and DMT))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 15:59
S151	0	(@rlad<"20020607" or @ad<"20020607") and (saw with prefix) and ((shaped modified) with DMT)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:00
S152	0	(@rlad<"20020607" or @ad<"20020607") and (saw with prefix) and DMT	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:00
S153	7	(@rlad<"20020607" or @ad<"20020607") and (prefix with DMT with rectang\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:06
S154	3	("6014412"   "6035000"   "6088386").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 16:11
S155	2165	(@rlad<"20020607" or @ad<"20020607") and (prefix with DMT) full near3 rectang\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:13
S156	0	(@rlad<"20020607" or @ad<"20020607") and (prefix with DMT) and (full near3 rectang\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:13

S157	123	(@rlad< "20020607" or @ad< "20020607") and (full near3 rectang\$4) and symbol	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:14
S158	7	(@rlad< "20020607" or @ad< "20020607") and (full near3 rectang\$4) with symbol	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:14
S159	2928	(@rlad< "20020607" or @ad< "20020607") and rectang\$4 with symbol	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:15
S160	333	(@rlad< "20020607" or @ad< "20020607") and (rectang\$4 with symbol) and tone	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:15
S161	7	(@rlad< "20020607" or @ad< "20020607") and (rectang\$4 with symbol) and (tone with prefix)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:15
S162	0	(@rlad< "20020607" or @ad< "20020607") and (rectang\$4 with symbol) and (saw near3 prefix)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:17
S163	1	(@rlad< "20020607" or @ad< "20020607") and rectang\$4 and (saw near3 prefix)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:18
S164	19	(@rlad< "20020607" or @ad< "20020607") and (shaped with DMT)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:20
S165	17	"6535552"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:40
S166	1	"20010031016"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/15 16:40

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